

Recombinant Cynomolgus TNFSF13B protein, His-Avi-Flag-tagged, Biotinylated

Cat. No. TNFSF13B-002C **Lot. No.** (See product label)

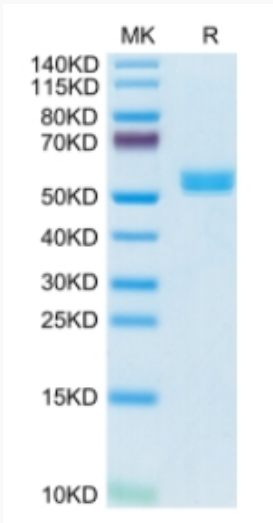
SPECIFICATION

Product Overview	Biotinylated Recombinant Cynomolgus TNFSF13B protein(A0A2K5V2X4)(Thr141-Leu285), fused with N-terminal His, Avi and Flag tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Thr141-Leu285
Tag	N-His-Avi,N-Flag
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Cynomolgus BAFF (Trimer), His Tag at 5ug/ml (100ul/well) on the streptavidin precoated plate (5ug/ml). Dose response curve for Human BAFFR, hFc Tag with the EC50 of 56.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 54.2 kDa. Due to glycosylation, the protein migrates to 55-60 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.

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Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Conjugation	Biotin
Tris-Bis PAGE	 The image shows a Tris-Bis PAGE gel. On the left, molecular weight markers (MK) are indicated at 140KD, 115KD, 80KD, 70KD, 50KD, 40KD, 30KD, 25KD, 15KD, and 10KD. On the right, a single band (R) is visible at approximately 55 kDa.

ELISA Data

Biotinylated Cynomolgus BAFF (Trimer), His Tag ELISA
0.5µg Biotinylated Cynomolgus BAFF (Trimer), His Tag Per Well

